Dyer Timothy Scott Form 4 September 17, 2010

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

OMB APPROVAL OMB

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Check this box if no longer subject to Section 16. Form 4 or

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Form 5 Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction

1(b).

(Last)

(City)

(Instr. 3)

(Print or Type Responses)

1. Name and Address of Reporting Person * **Dyer Timothy Scott**

(Middle) (First)

C/O ENERGY RECOVERY, INC., 1717 DOOLITTLE DRIVE

(Street)

(State)

2. Issuer Name and Ticker or Trading Symbol

Energy Recovery, Inc. [ERII]

3. Date of Earliest Transaction

(Month/Day/Year) 09/16/2010

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director 10% Owner Other (specify X_ Officer (give title below)

below) Chief Technology Officer

6. Individual or Joint/Group Filing(Check

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

SAN LEANDRO, CA 94577

1. Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year)

Execution Date, if

(Zip)

(Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 3, 4 and 5) (Instr. 8)

Code V Amount (D) Price

(A)

5. Amount of Securities Beneficially Owned Following Reported

6. Ownership Form: Direct (D) or Indirect Beneficial (T) (Instr. 4)

7. Nature of Indirect Ownership (Instr. 4)

Transaction(s) (Instr. 3 and 4)

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security

Conversion or Exercise

3. Transaction Date 3A. Deemed (Month/Day/Year)

Execution Date, if any

4. 5. Number of **Transaction**Derivative Code Securities

6. Date Exercisable and **Expiration Date** (Month/Day/Year)

7. Title and Amount of **Underlying Securities** (Instr. 3 and 4)

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(Instr. 3) Price of (Month/Day/Year) (Instr. 8) Acquired (A) Derivative or Disposed of Security (D) (Instr. 3, 4, and 5) Code V (A) (D) Date Expiration Title Amount Exercisable Date or Number of Shares Employee Stock Common (1) 09/15/2020 Option 09/16/2010 80,000 80,000 \$ 3.45 A Stock (Right to Buy)

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Dyer Timothy Scott C/O ENERGY RECOVERY, INC. 1717 DOOLITTLE DRIVE SAN LEANDRO, CA 94577

Chief Technology Officer

Signatures

/s/ Carolyn F. Bostick, attorney-in-fact for Timothy Scott

Dyer

09/17/2010

**Signature of Reporting Person Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- One quarter (1/4) of the shares vest on the first anniversary of the vesting commencement date of September 16, 2010 and 1/48 vest each month thereafter.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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